

Converting Colors

HunterLab(29.6458, -14.1243,
-5.0897)

Have a look what the booklet for
HunterLab(29.6458, -14.1243,
-5.0897) contains.

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Color

**HunterLab(29.6458,
-14.1243, -5.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5D62
RGB	12, 93, 98
RGB Percent	5%, 36%, 38%
CMY	0.9529, 0.6353, 0.6157
CMYK	0.88, 0.05, 0.00, 0.62
HSL	183°, 78%, 22%
HSV	183°, 88%, 38%
XYZ	6.2706, 8.7887, 12.9212
YIQ	69.3510, -49.8810, -15.6170

Conversions

Conversions Part 2

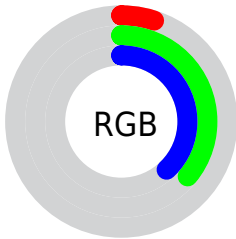
Format	Color
RYB	12, 54, 98
Decimal	810338
CIELab	35.57, -20.27, -9.36
CIELCh	36, 22.325, 204.791
Yxy	8.7891, 0.2241, 0.3141
Android (android.graphics.Color)	4279000418 (0xFF0C5D62)
YUV	69.3510, 14.1240, -50.2968
Hunter-Lab	29.6458, -14.1243, -5.0897

Details

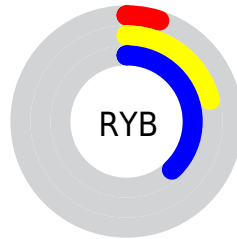
The HunterLab color **29.6458, -14.1243, -5.0897** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.3909, 24.0070, 9.9497**, and the grayscale version is **24.4844, -1.3064, 1.3303**.

A 20% lighter version of the original color is **48.5925, -17.8145, -5.0628**, and **14.8389, -6.7595, -3.9556** is the 20% darker color. If you saturate the color by 10%, you get **29.3691, -14.3397, -5.4821**, and if you desaturate by 10%, it is **29.9660, -13.7455, -4.6391**.

Distribution



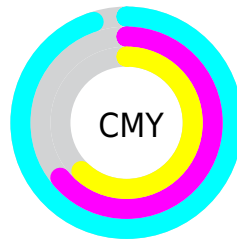
- Red (5%)
- Green (36%)
- Blue (38%)



- Red (5%)
- Yellow (21%)
- Blue (38%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (62%)



- Cyan (95%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6458, -14.1243, -5.0897 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 29.6458, -14.1243, -5.0897 by changing the saturation by 10% instead.

■ 29.6458, -14.1243,
-5.0897

■ 29.6458, -14.1243,
-5.0897

■ 134.8319,
-29.2456, -3.0641

■ 21.4566, -12.1532,
-4.9985

■ 48.4679, -17.7537,
-5.0361

■ 14.2013, -9.9991,
-4.8162

■ 58.9723, -19.4731,
-4.9088

■ 7.8561, -11.6614,
-4.8680

■ 70.1420, -21.1525,
-4.7231

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.9394, -22.8027,
-4.4838

0.0000, NaN, NaN

■ 94.3329, -24.4319,
-4.1951

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2949,

-26.0459, -3.8604

0.0000, NaN, NaN

120.8016,
-27.6493, -3.4825

29.6458, -14.1243,
-5.0897

29.6458, -14.1243,
-5.0897

29.3691, -14.3397,
-5.4821

29.9660, -13.7455,
-4.6391

29.3067, -14.3881,
-5.5710

30.3533, -13.1087,
-4.0976

30.8126, -12.2019,
-3.4623

31.3467, -11.0216,
-2.7336

31.9573, -9.5712,
-1.9144

■ 32.6448, -7.8595,
-1.0093

■ 33.4088, -5.9001,
-0.0243

■ 34.2480, -3.7092,
1.0337

■ 35.1607, -1.3055,
2.1574

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.6463, -15.2154, 2.8929



29.6458, -14.1243, -5.0897



29.6463, -9.8242, -12.7454

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.6463, -14.1243, -5.0893



29.6463, 11.8414, -7.9586



29.6463, -0.1951, 12.6791

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.6458, -14.1243, -5.0897



17.3909, 24.0070, 9.9497

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.6463, 7.6691, 11.1408



29.6458, -14.1243, -5.0897



29.6463, 15.0670, 0.2749

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.6463, -14.1243, -5.0893



29.6463, 5.0418, -14.6823



29.6463, 13.4659, 7.0441



29.6463, -7.6736, 11.9442

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.6458, -14.1243, -5.0897



29.6463, -5.4550, -15.9386



29.6463, 13.4659, 7.0441



29.6463, 2.4976, 12.4261

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.6463, -14.1243, -5.0893



43.3085, -10.1666, -1.2140



29.7525, -24.3770, 16.9054



21.0083, -5.2254, -0.7303



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.6463, -14.1243, -5.0893



38.7290, -18.9650, -7.4679



18.1716, 2.8493, -26.4561



16.9458, -1.9676, 0.4525



33.7875, -16.5649, -6.4725



77.8063, -37.9343, -15.3618

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.1055, 33.3155, -19.7826



24.3078, 47.2152, -27.6047



24.0470, 7.5265, 14.0912



16.2057, 0.9751, -0.2944



21.1938, 41.1732, -24.1198



48.9396, 95.0038, -55.1441

Previews

White Background



This preview shows how the HunterLab color 29.6458, -14.1243, -5.0897 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 29.6458, -14.1243, -5.0897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

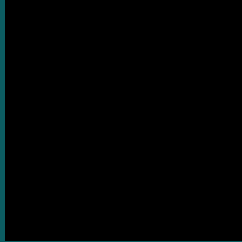
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.6458, -14.1243, -5.0897 Background



This preview shows how black text looks on a background with the HunterLab color 29.6458, -14.1243, -5.0897.



This preview shows how white text looks on a background with the HunterLab color 29.6458, -14.1243, -5.0897.

-14.1243, -5.0897.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.6458, -14.1243, -5.0897

Protanopia

29.6618, -0.2010, -1.9650

Deuteranopia

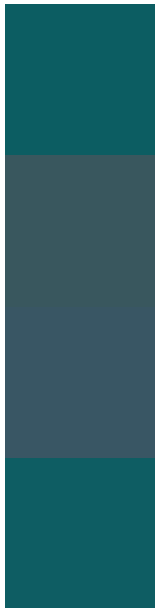
29.6870, 1.7628, -6.2652



Tritanopia

29.7496, -13.5915, -5.9348

Trichromacy



Original Color

29.6458, -14.1243, -5.0897

Protanomaly

29.1452, -7.4225, -3.7134

Deuteranomaly

29.0612, -5.9245, -6.7939

Tritanomaly

29.7034, -13.8357, -5.5015

Monochromacy



Original Color

29.6458, -14.1243, -5.0897

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.7999, -7.8495, -1.6807

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6458, -14.1243, -5.0897 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(12, 93, 98)` looks like.

```
.text, #text, p{  
    color:rgb(12, 93, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(12, 93, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 93, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6458, -14.1243, -5.0897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(12, 93, 98) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(12, 93, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(12, 93, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 93, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 93, 98);  
box-shadow:4px 4px 4px 4px rgb(12, 93, 98)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6458, -14.1243, -5.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 93, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(12, 93,  
98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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